

Product datasheet for **RN212615**

Rtp3 (NM_001108190) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtp3 (NM_001108190) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rtp3
Synonyms:	Tmem7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212615 representing NM_001108190
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGAAGACGACGTAGGACAATGGCAACATGTGTTCCAGGAGCTGATTCAAGAGGTGAAACCGTGGC
 ACAAATGGACCTTCACACCAGACAAGGAGCTTCTCCCGATGTTCTAAAGCCAGGATGGACGCAATACCA
 GCAAAAGGCCTTTGCCAGGTTCCACTGTTCTTCTGCTCTCGAAGTTGGGCCTCTGGCAGAGTCTTGATT
 ATCTTCCACATGCGCTGGTGTGAGAAGAAGGCCAAGGGCAGGTGAAGATGAGGGTGTGTTGCTCAGAGAT
 GTAATCAGTGCCCGAGGCTCCATTTGCGGCTCCAGAGTTCACATGGGACAACATCTCGAGGATTTTGAA
 CAACTTGCTCTTCCGAATCTGAAGAAGTGTATAAAGAAGGGTTAAGCAGATGGGCGAGATCCCTTTG
 CTTGGGGACACCAGTCTCGAAGGACCACATGACAGTGGCAACTGTGAGGCCTGTCTGCTGGGCTTTTGTG
 CTCAGAATGACTTAGGCCAAGCCTCAAACCACCAGCACCCCATATCTCTACCTCCTCAAATCCGC
 CAGGGAGCCTAAGGTCACTGCCGCTGTCCGACCTTCCCTGCTCACAGTCTCTCTAAAGTGGAGAAG
 CCCCAAGCATCGGACGTGAGCCCCAAGCCAGTAACCCCTCAAAGAGGACCCCTAAGGTTAGCCGCACCT
 CAAAACATCAACTAATCCAAGACTGACTATCAAACAGCTGTGAGAAGTAAAGTCTGCCCTCGAATG
 TGTATTCAAATGCCTTCTCCCATCAGCAGCAACAGAGCAGATACAGCAAAGAACCAGATCCAAG
 GCCCAAAGGCATCCCTCTCATCTCTCTATGTCCCACCCACTTCTCATATGTCCCACCCACTTCT
 CCACTTCTCTGTATGTCCCACCTACTTCTCATATGTCCCACCTCACTTCTCATATGTCCCACCTCAC
 TTCTCTCAAATGTCCCACCTCTTCTTTTATATGCCCCACCCACTCCCTCATATGTCCCATCCACT
 TCCTCTCACGGAGACCACCAGCAAACCCGCTTGCCAAGTAGAGAGAAGCGCCCAATCCACCCAGAAA
 GCCAGTCTTCTGCTGCAAAGCTTGCTGCGGGGGCTGCGGGGGCTGCTGTGGGGGCTGCGGGGGCTGCTG
 CGGGGCTGCTGCGCAGGCTGTGGGGGCTGCTGCGAGTGCTTCTGTGAGGTGTTAGAAGGCTGCTCGGG
 TGCTTCGGTAAAGTCTTCTTGGGCTGCGCGAGTGCTTCTGTAAGGTCTTCTTGGGCTGCTGTAATTTCG
 GGTGAGAGAGTCCACAGTGTGCTGTTCTTTCTAATCTGTTTTGTTGCTGTGGTACTTATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108190
- Insert Size:** 1398 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001108190.1, NP_001101660.1
RefSeq Size: 1964 bp
RefSeq ORF: 1398 bp
Locus ID: 316018
Cytogenetics: 8q32